

ABSTRACT OF THE DISCLOSURE

The present invention provides a method for generating random jitter test patterns by generating a sequence of maximum- size asynchronous packets according to the P1394b standard and transmitting the sequence to the device under test. The present invention provides a method for generating jitter test patterns by disabling the transmitter data scrambler of the second device; clearing the port\_error register of the device under test; and sending a test pattern to said device under test. The present invention provides for a method for generating supply noise test patterns comprising: transmitting a test pattern to the DUT comprising a maximum length asynchronous packet containing alternate 0016 and FF16 bytes.